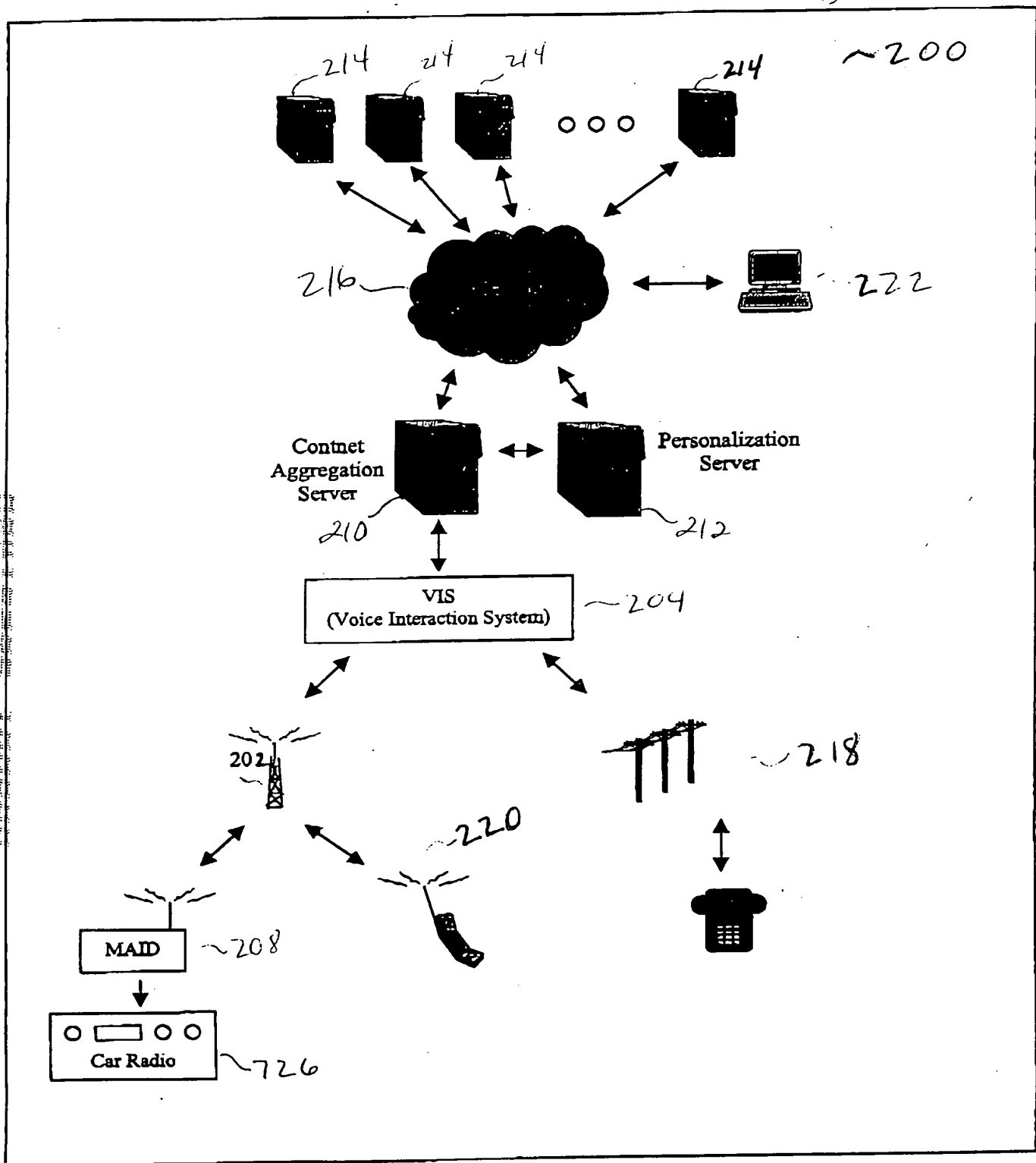


FIG. 1  
PRIOR ART

FIGURE 2



# MOBILE AUDIO DEVICE

## USER INPUT

## SYSTEM OUTPUT

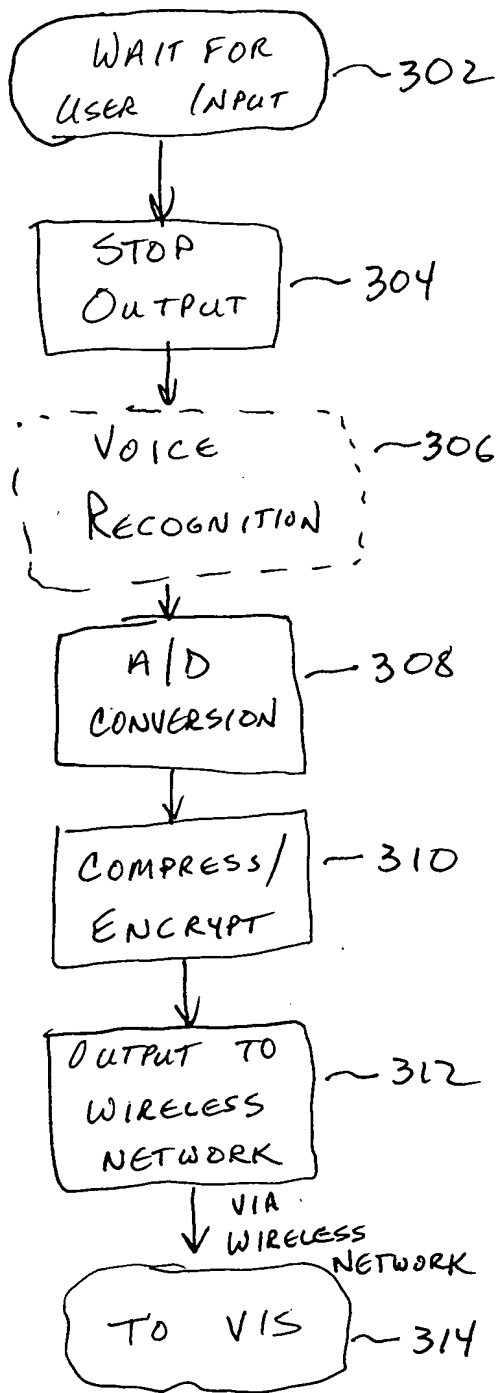


FIG. 3a

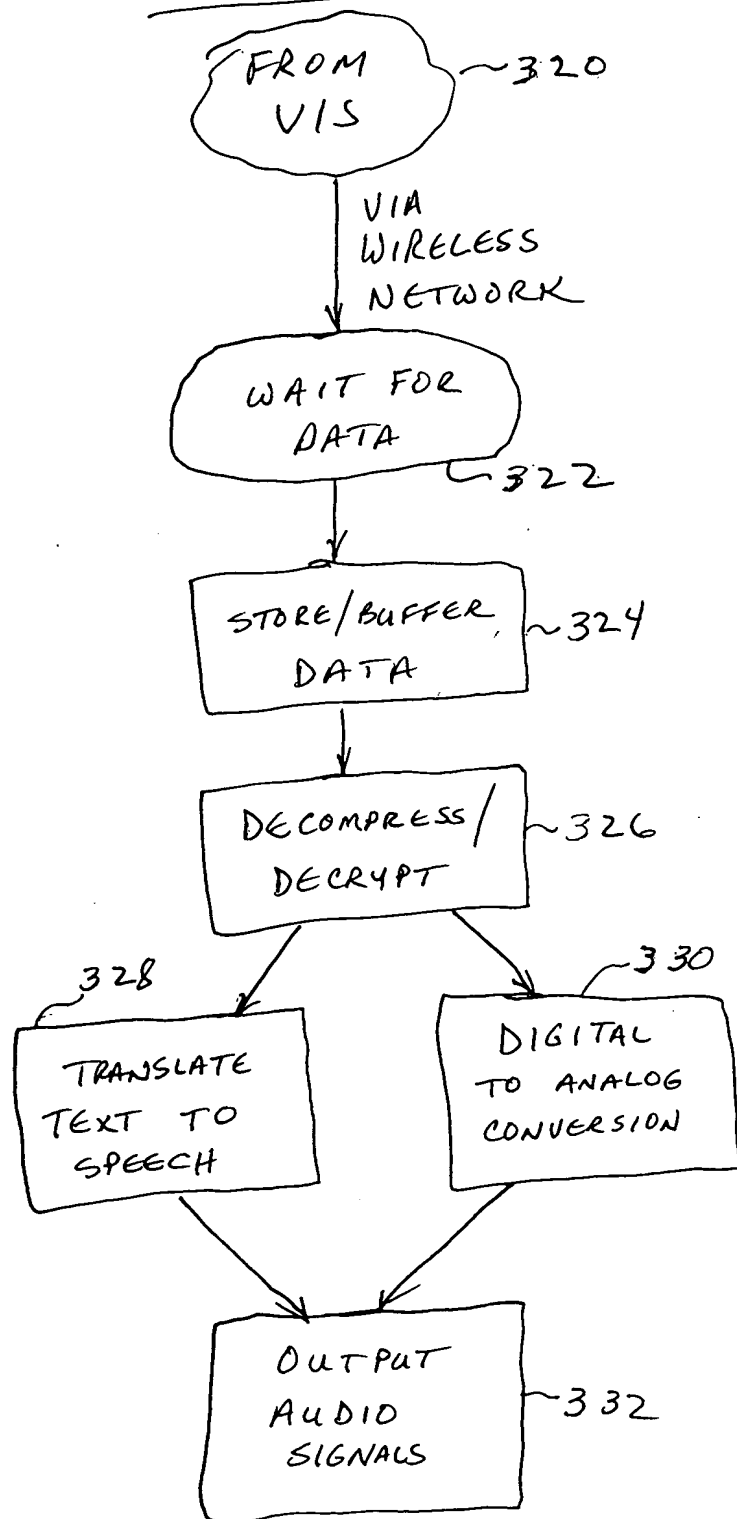


FIG. 3b

# VIS (Voice Interaction System)

400

From MAID ~ 402

↓ via wireless network

Unit for Input ~ 404

Translate Voice/Signal Into Input ~ 406

Main Menu Request

Analyze Input ~ 408

First Access

Menu Request

CONTENT REQUEST

Retrieve Password ~ 410

To PERSONALIZATION SERVER

RETRIEVE PERSONAL MENU ~ 418

RETRIEVE CONTENT ~ 430

To Content Server

COMPARE PASSWORD To User Input ~ 412

From PERSONALIZATION SERVER

STORE MENU ~ 420

STORE CONTENT ~ 432

From Content Server

LOGIN Success ~ 414

LOGIN ERROR ~ 416

TRANSLATE DATA to Voice ~ 422

A/O ~ 424

Compress/Encrypt ~ 426

Send to MAID via wireless Network ~ 428

FIG. 4

# PERSONALIZATION SERVER

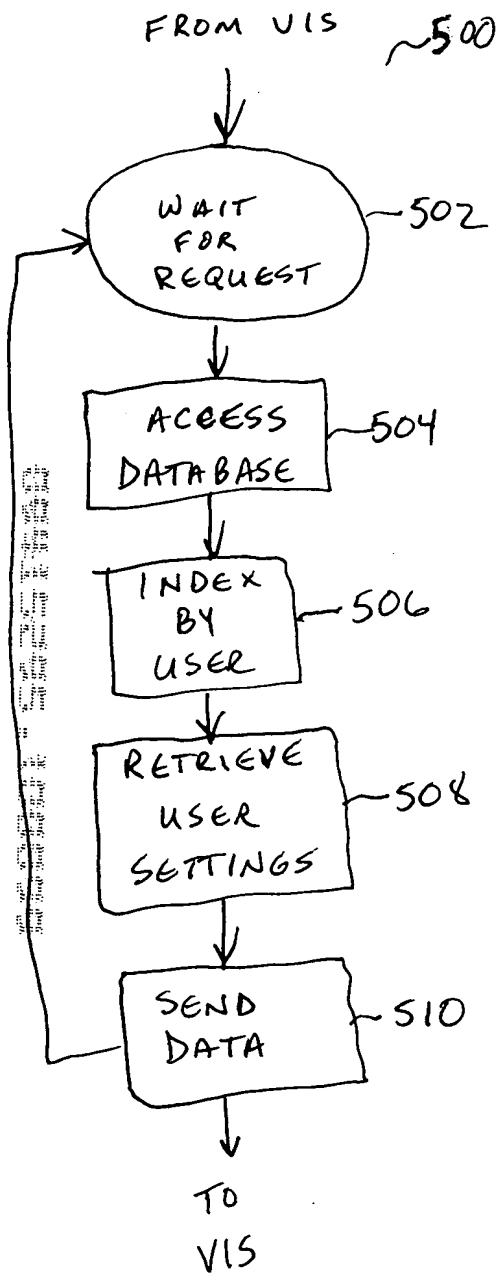


FIG. 5

# CONTENT SERVER

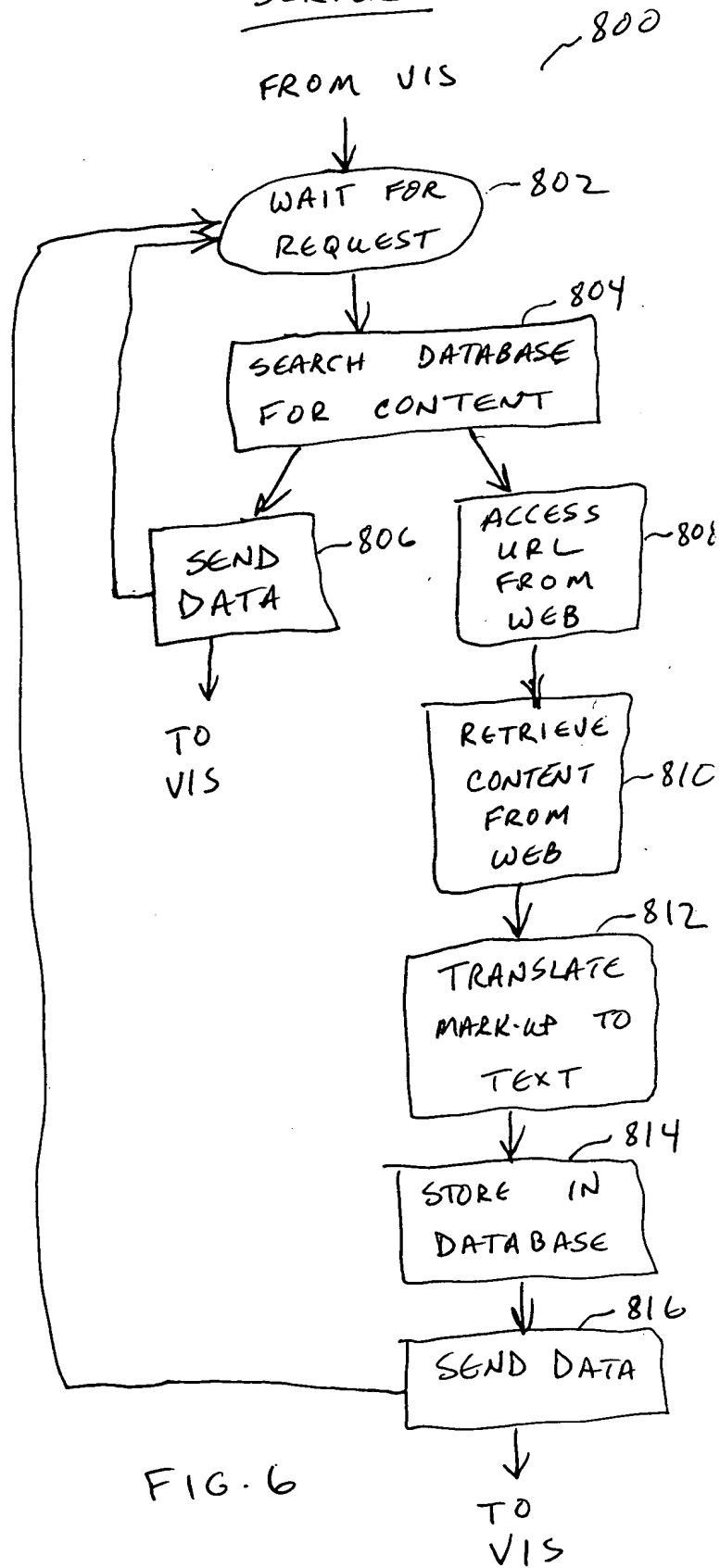


FIG. 6

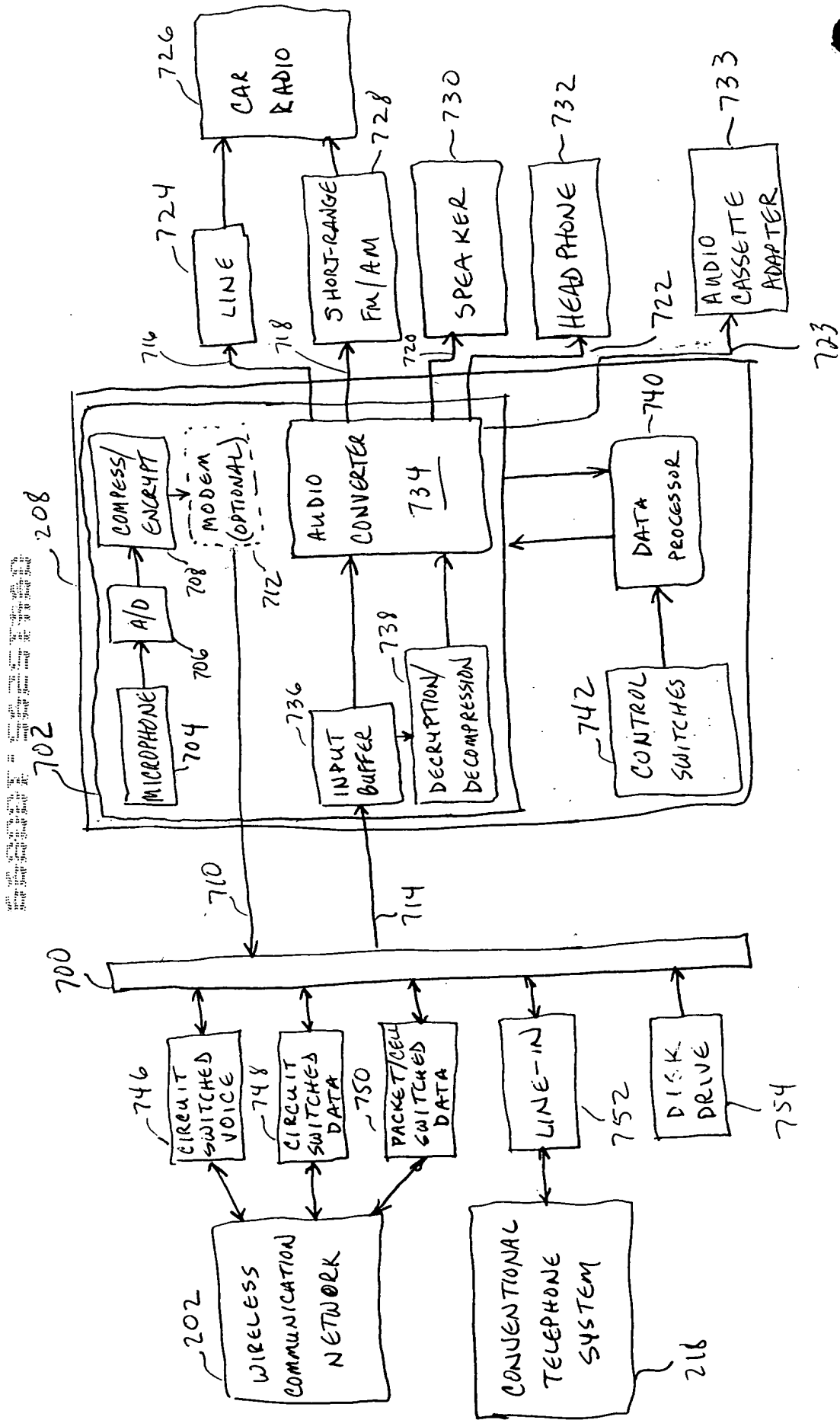


FIG. 7

FIG. 8 is a block diagram of a voice interaction system 800.

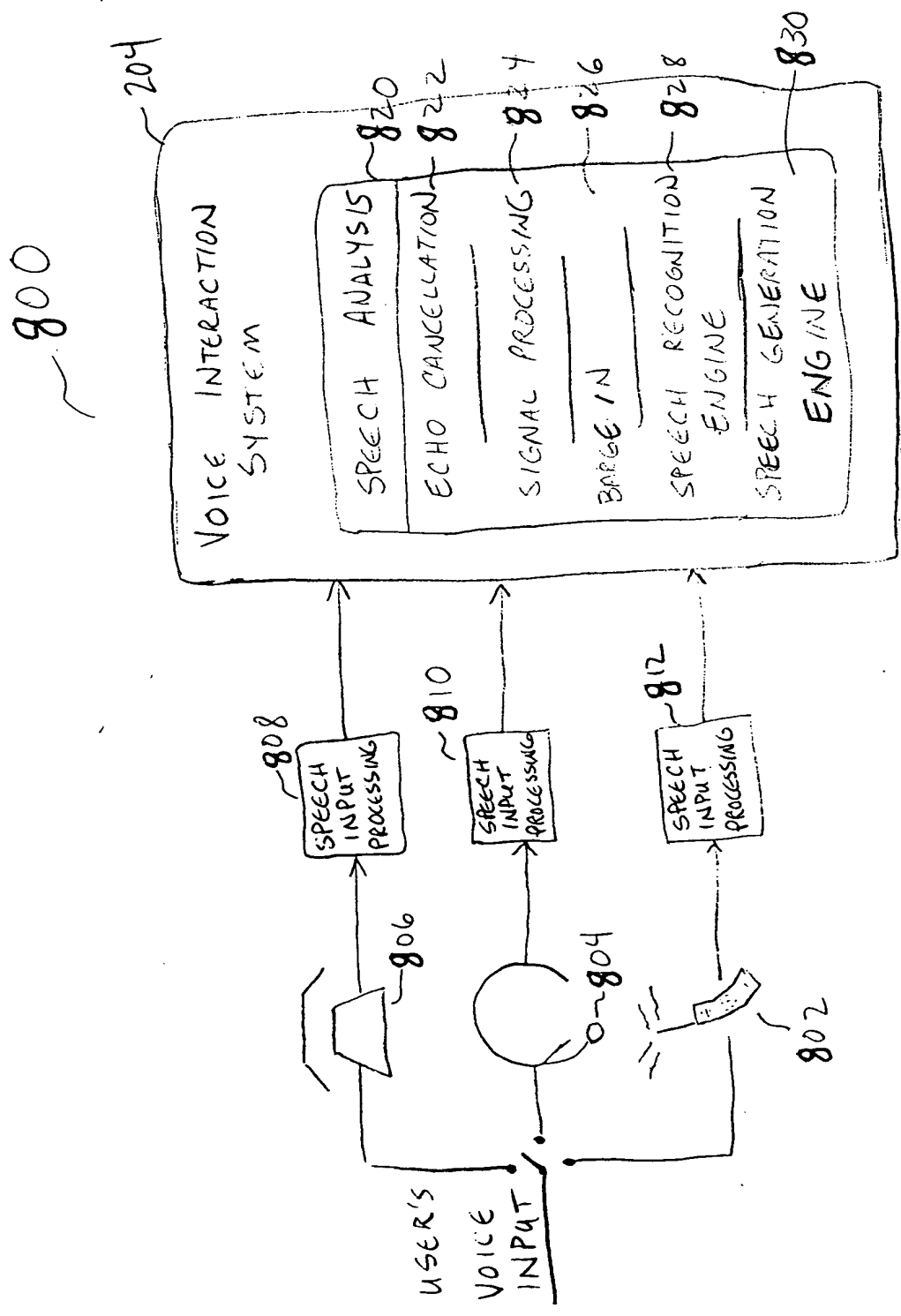
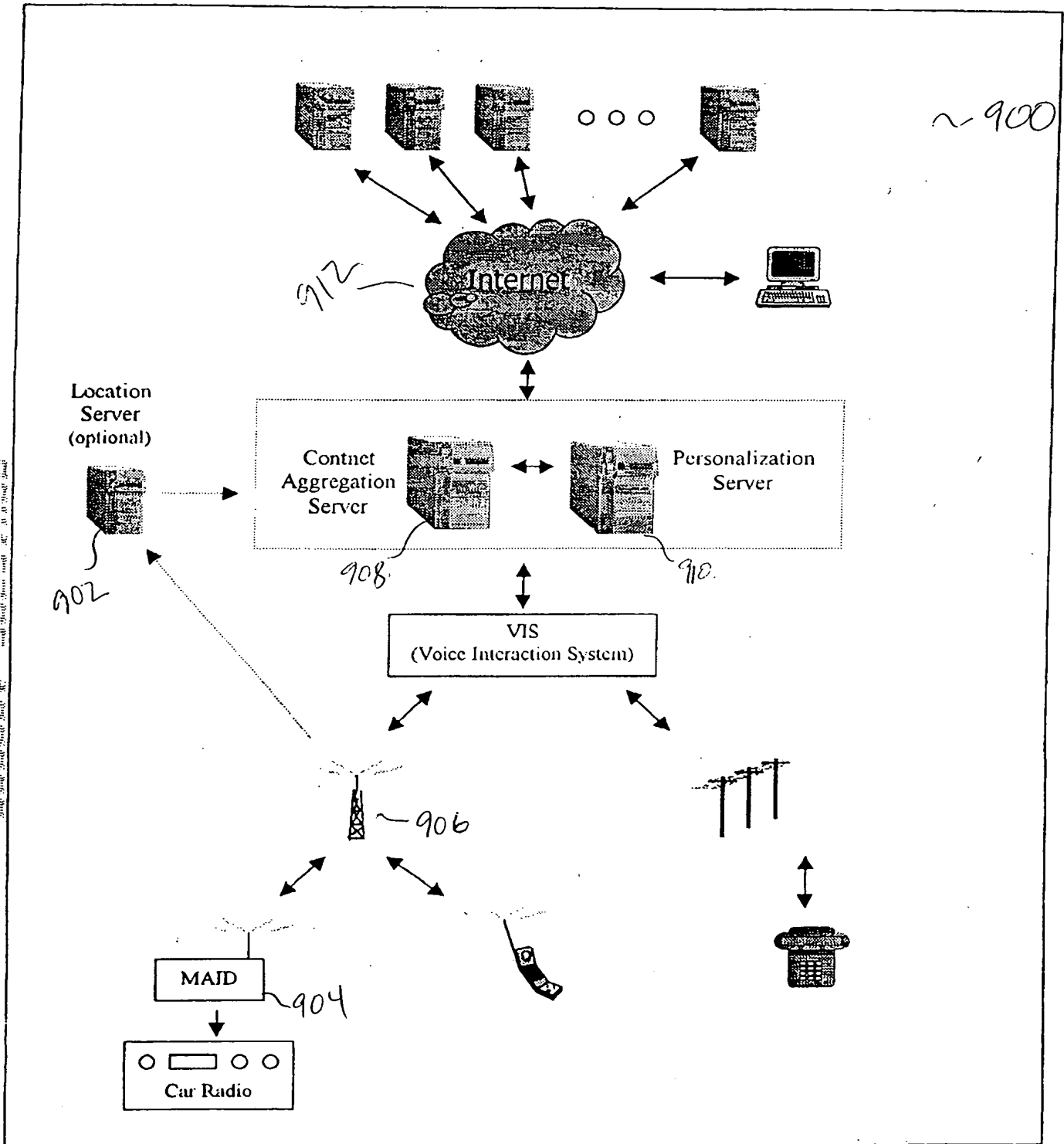
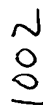


FIG. 8

FIGURE 9







F16.10

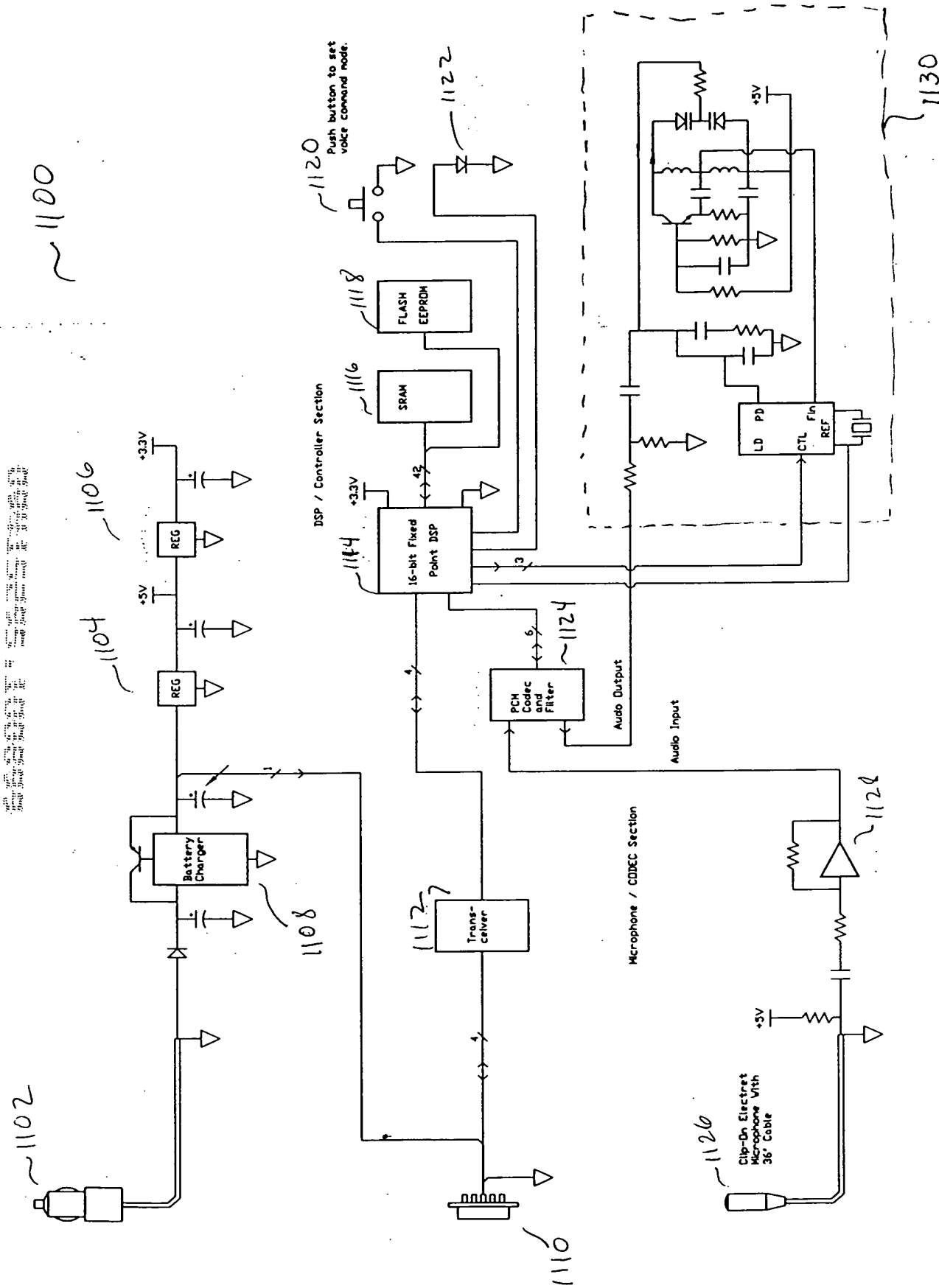


FIG. 11